

HIGH-TEMPERATURE AGING TOLERANCE CATALYZED ADSORBER  
SYSTEM FOR TREATING INTERNAL COMBUSTION ENGINE  
EXHAUST GAS

ABSTRACT OF THE DISCLOSURE

A catalyzed adsorber that is effective and durable in treating exhaust gas from internal combustion engines, and in particular, for adsorbing hydrocarbons contained in engine exhaust gas during cold start, releasing these hydrocarbons when the engine exhaust gas has heated the adsorber to normal operating  
5 temperature and catalyzing the conversion of these hydrocarbons to carbon dioxide and water. The catalyzed adsorber has a catalyst overlayer with a non-catalyst overcoat loading of about  $1.0 \text{ g/in}^3$  or less.

2025 RELEASE UNDER E.O. 14176